

Aero Design Ltd.**Work Order Control Sheet****Work Order#:** 2017-183 **Date Opened:** 03 November 2017 **Title:** Fabrication**Aircraft OEM:** Eurocopter **Aircraft Model:** AS350/355 **Product Type:** Cargo Basket Body **Product Model:** XL Hoops **Quantity:** 50**Work Order Contents**

Work Order/Build Sheets (Procedures Provided)
Additional Work Sheets (Standard Practice)
Drawings (See List Below)
Parts Distribution Sheet
Sub Component Tags
Completed Certification (Original)
Time Sheet (R&D)
Notes

Initial or N/A

JC
N/A
JC
JC
N/A
N/A
N/A
N/A

Build Sheet Contents

Tasks Initialled
Dual Inspections Initialled

JC
N/A

Drawing List

Drawing #	Rev #	Description	Initial or N/A
94030	1	Hoop	JC

Traveller**Component Completion**

Quantity Complete on This Work Order
Quantity Incomplete on This Work Order
Further Processing Required Before Release
Release to Stock as Components

As Instructed

40
0
N/A
N/A

Certification

Form One Completed
Serviceable (Green) Tag Completed
In Process (Yellow) Tag Completed
Unserviceable (Red) Tag Completed
Parts Tracking Tags (White) Completed
Parts Placed in Stores for Distribution

Initial or N/A

N/A
N/A
N/A
N/A
N/A
JC

Additional Documentation

Documentation of a minor change
Non-Conformance Report Required
Service Difficulty Report Required

Initial or N/A

N/A
N/A
N/A

Billing

Local (Aero Design)
Research and Development
Third Party

JC
N/A
N/A

Work performed by:

Print: J. Francis/ J. ClarkeSign: [Signature]SCA: AD02Date: 10-Nov-17

ICC / Dual Inspection performed by:

Print: N/ASign: [Signature]SCA: Date:

Work Order closed by:

Print: J. ClarkeSign: [Signature]SCA: AD02Date: 14-Mar-18

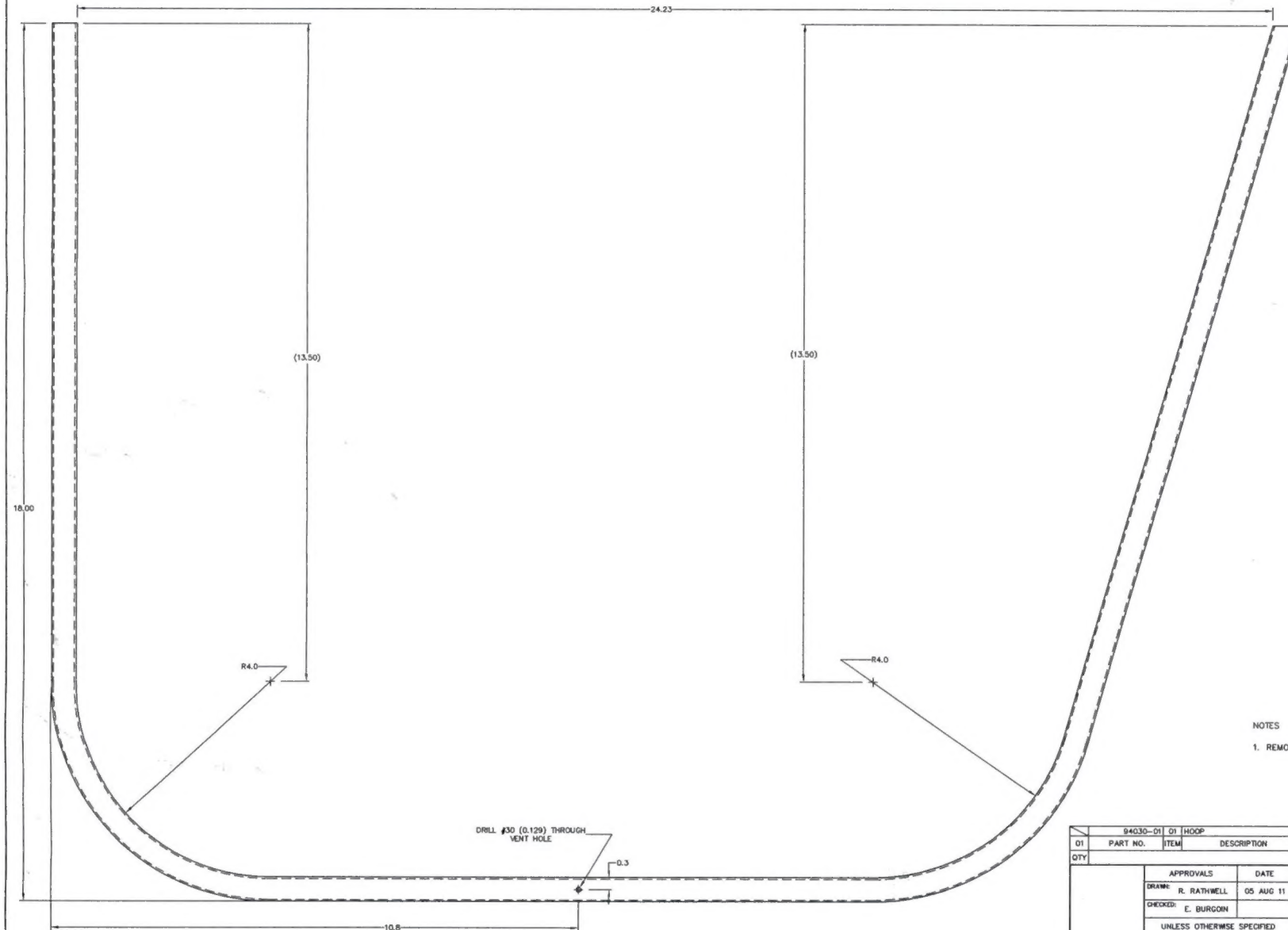
Approved Manufacturing Facility 73-04

Form 2010.03

Rev. Original 23 Sep 2014


2017-183

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		
1	TITLE BLOCK UPDATED; DRAWING REFORMATTED TO A1	BJC	11/07/2014



NOTES

1. REMOVE ALL BURRS AND BREAK SHARP EDGES.

94030-01		01 HOOP		4130 STEEL COND. N		MIL-T-6736		0.5 X 0.035 50R TUBE		
Q1	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE				
QTY				LIST OF MATERIALS						
APPROVALS			DATE							
DRAWN:			R. RATHWELL 05 AUG 11							
CHECKED:			E. BURGIN							
<div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: <div>DECIMALS ANGLES</div><div>X.XXX ±0.010 ±1/2"</div><div>X.XX ±0.03</div><div>X.X ±0.1</div></div>			<div><div>AERO DESIGN LTD. 8888A MALASPINA ROAD POWELL RIVER, BC, CANADA, YBA 0G3 TEL: 864.485.3276 www.aerodesign.ca</div></div>							
			EUROCOPTER AS350 & AS355 SERIES QUICK RELEASE CARGO BASKET HOOP							
			SCALE 1 : 1		DWG. SIZE		DWG. NO.		REV.	
			SHEET 1 OF 1		A1		94030		1	



Aero Design Ltd.

AMF 73-04

9888 A Malaspina Rd.

Powell River, BC

Canada

V8A 0G3

Complete Fabrication Instructions

This sheet is designed to assist in the fabrication of Aero Design products in accordance with the company Manufacturing Policy Manual, the Canadian Aviation Regulations and other applicable technical documentation.

#####

Nomenclature: AS350 Quick Release Ski Basket Hoop Work Order #: 2017-183

Number of Units: 60 40 gc

Model	Requirements	Reference	Initial			
AS350	Review LOEP to ensure most current technical specifications	N/A	Jf	Jf	Jf	Jf
AS350	Cut a piece of material to 53 1/8"	N/A	Jf	Jf	Jf	Jf
AS350	Cut one end at 90 degrees and the opposite end at 16 degrees.	N/A	Jf	Jf	Jf	Jf
AS350	At the 90 degree end measure 20 5/16 and mark, then 32 1/8 and mark.	N/A	Jf	Jf	Jf	Jf
AS350	Set tube at 20 5/16 mark, bend at that mark, set stop at 105 deg.		Jf	Jf	Jf	Jf
AS350	Flip tube, set at next mark, bend at that mark, set stop at 86 deg.	N/A	Jf	Jf	Jf	Jf

Post Fabrication Inspection

Inspect components to ensure conformity to the applicable design data.

Signature: Jf Ceh.

Licence Number or SCA: AD02

Date: 10 Nov 2017

Work Order: 2017-183Date Opened: 03 Nov. 2017

Material Tracking Sheet
Eurocopter AS350 / AS355
Extra Large Hoops Fabrication

1 of 1

Ass'y Step	Qty	Detail Drawing	Part Number	Description	Material	PO/NO
	40		94030-01	Hoop - standard	4130 Steel, 1/2" x 0.035 Sqr. Tube	17082/17093
	N/A		94023-01	Hoop - attachment		
Step 1				1/2 Hoop Fabrication - 1/2" hoop		
	. 1		--	1/2" Tube - hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	
Step 2				Machining	None	
Step 3				1/2 Hoop Fabrication - 1" hoop		
	. 1		--	1" tube - hoop	4130 Steel, 1" x 0.065 Sqr. Tube	
Step 4				Machining	None	
Step 5				Joint Preparation	None	
				Welding		
Step 6	. 1		94023-05	Stud	1018 Mild Steel, 5/8" Dia.	
	. 1		94023-07	Stud	1018 Mild Steel, 5/8" Dia.	
Step 7	. 2	84262	84272-01	Bushing	4130 Steel, 5/16" x 0.058 Rnd. Tube	
Step 8	. 1		76423-04	Cap	1018 Mild Steel, 0.050" Sheet	
	. A/R		--	Welding Rod	ER70S-2	
Step 9				Finishing and Inspection	None	